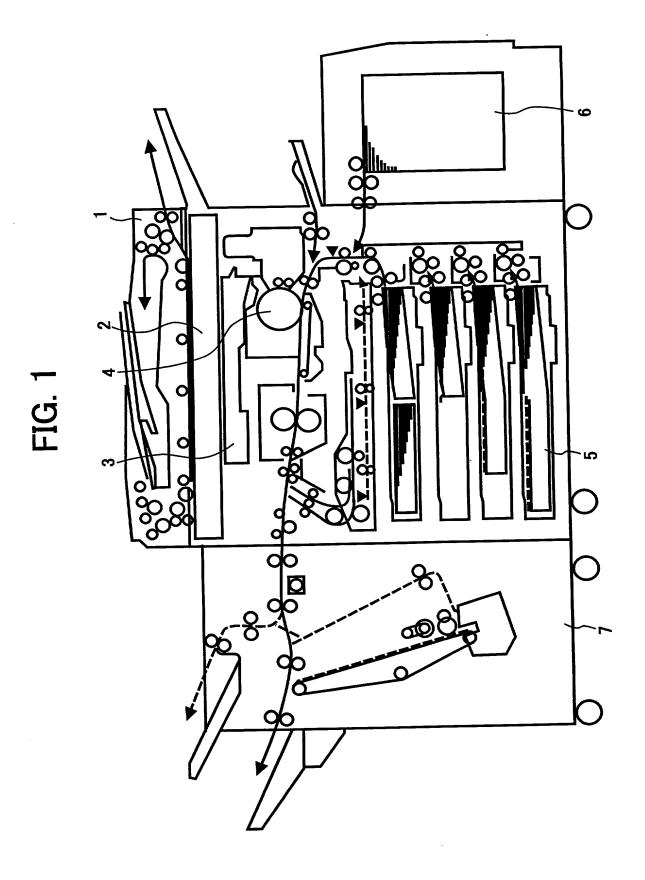
OBLON, SPIVAK, ET AL DOCKET #: 204571US-2 INV: Tohru KANNO SHEET 1_OF_15_



OBLON, SPIVAK, ET AL DOCKET #: 204571US-2 INV: Tohru KANNO SHEET 2 OF 15

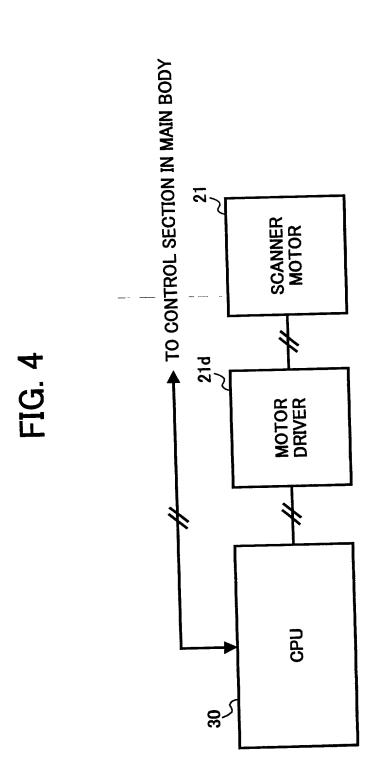
5 12 4

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SHEET FEEDING CONTROL BOARD 124 MOTHER BOARD 123 122 I/O CONTROL BOARD MAIN CONTROL BOARD 116 MPU 125 8 CPU 104 ADF ABC A/D 113,

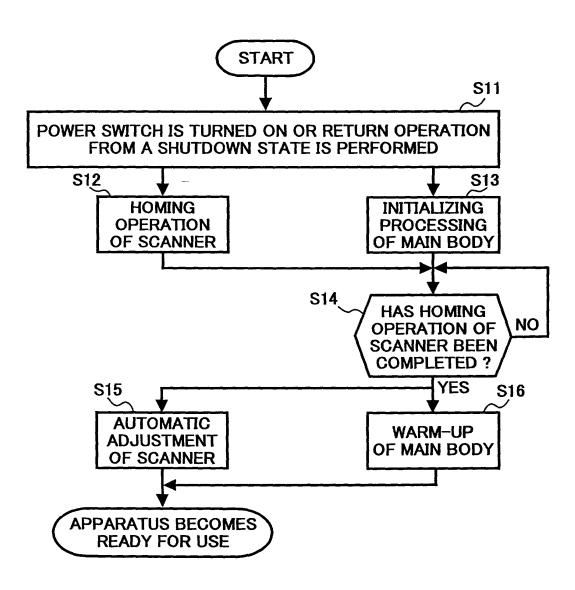
FIG. 3

OBLON, SPIVAK, ET AL DOCKET #: 204571US-2 INV: Tohru KANNO SHEET 4 OF 15



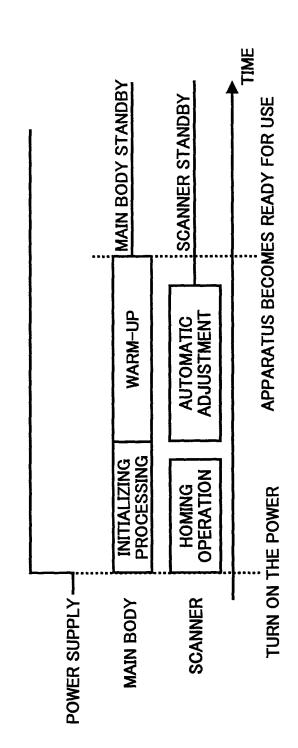
OBLON, SPIVAK, ET AL DOCKET #: 204571US-2 INV: Tohru KANNO SHEET 5 OF 15

FIG. 5



OBLON, SPIVAK, ET AL DOCKET #: 204571US-2 INV: Tohru KANNO SHEET <u>6</u> OF <u>15</u>

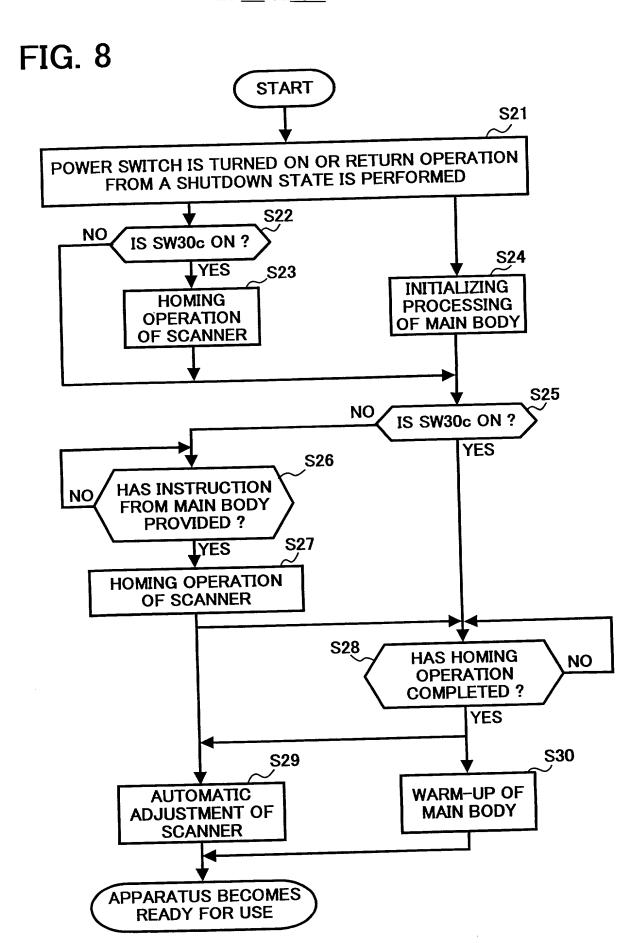
FIG. 6



OBLON, SPIVAK, ET AL DOCKET #: 204571US-2 INV: Tohru KANNO SHEET 7_OF_15_

► TO CONTROL SECTION IN MAIN BODY 21 SCANNER MOTOR FIG. 7 MOTOR DRIVER CPU # \-30c(SW)

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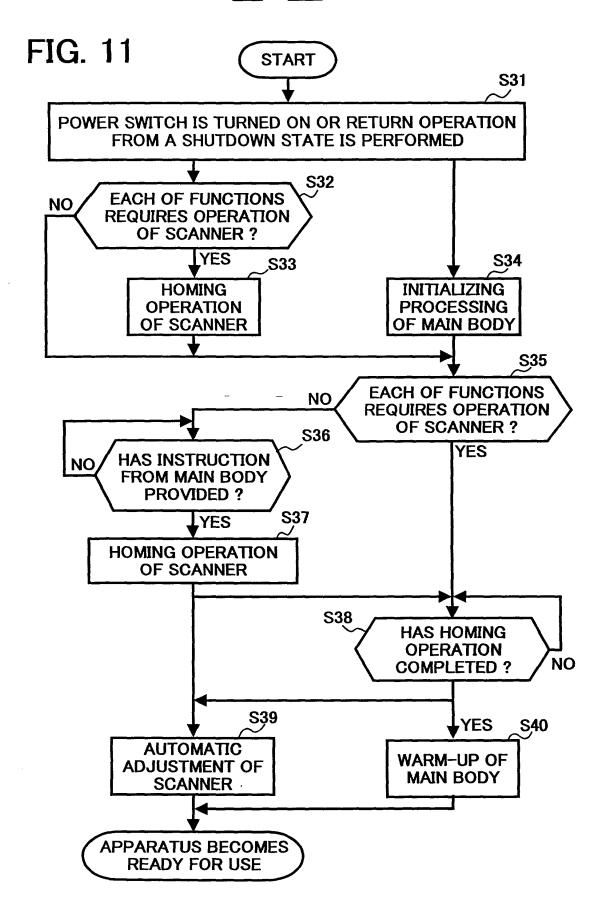
OBLON, SPIVAK, ET AL DOCKET #: 204571US-2 INV: Tohru KANNO SHEET 9 OF 15

TIME TIME MAIN BODY STANDBY SCANNER MAIN BODY STANDBY STANDBY APPARATUS BECOMES READY FOR USE SCANNER STANDBY APPARATUS BECOMES READY FOR USE FIG. 9B WHEN SW30c IS OFF FIG. 9A WHEN SW30c IS ON **ADJUSTMENT AUTOMATIC ADJUSTMENT AUTOMATIC** WARM-UP WARM-UP **OPERATION** HOMING **PROCESSING** INITIALIZING PROCESSING INITIALIZING **OPERATION TURN ON THE POWER** HOMING **TURN ON THE POWER** POWER SUPPLY -POWER SUPPLY -SCANNER **MAIN BODY** SCANNER MAIN BODY

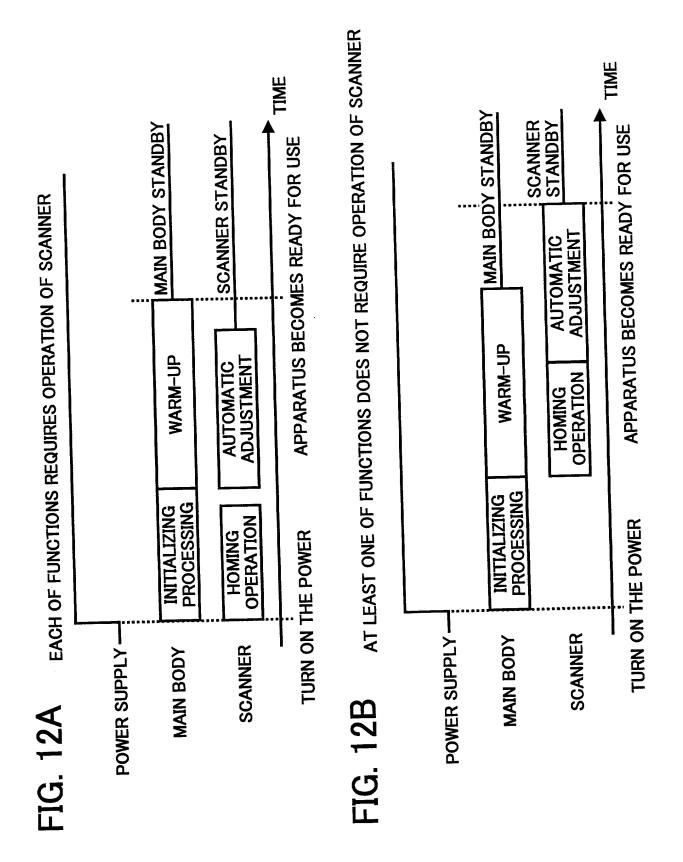
OBLON, SPIVAK, ET AL DOCKET #: 204571US-2 INV: Tohru KANNO SHEET <u>10</u> OF <u>15</u>

►TO CONTROL SECTION IN MAIN BODY SCANNER MOTOR **21**d FIG. 10 MOTOR DRIVER SPU EEPROM

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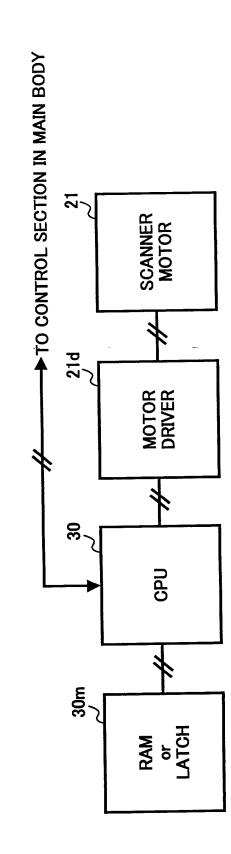


OBLON, SPIVAK, ET AL DOCKET #: 204571US-2 INV: Tohru KANNO SHEET <u>12</u> OF <u>15</u>



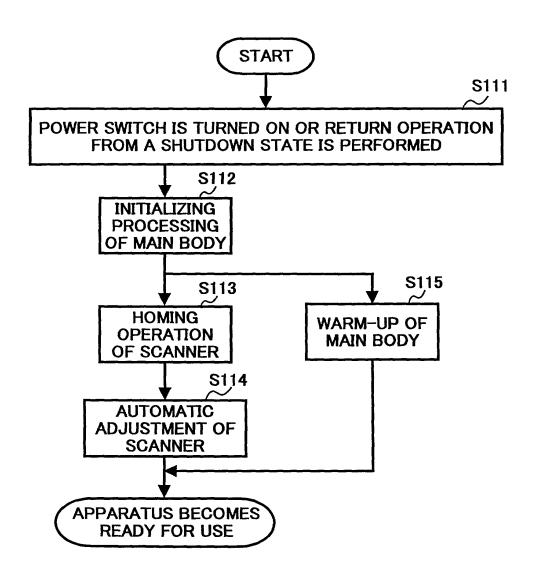
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FIG. 13



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FIG. 14 BACKGROUND ART



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TIME TIME SCANNER STANDBY MAIN BODY STANDBY SCANNER STANDBY APPARATUS BECOMES READY FOR USE APPARATUS BECOMES READY FOR USE WARM-UP WARM-UP WARM-UP WARM-UP **OPERATION OPERATION** HOMING HOMING INITIALIZING
PROCESSING INITIALIZING PROCESSING FIG. 15A BACKGROUND ART FIG. 15B BACKGROUND ART TURN ON THE POWER **TURN ON THE POWER** POWER SUPPLY-POWER SUPPLY-SCANNER **MAIN BODY** SCANNER MAIN BODY